

Associate Professor LI Shengquan

College	College of Electrical, Energy and Power Engineering
Current Position	Associate Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	<p>Shengquan Li was born in Changde, China, in 1982. He received the Ph.D. degree in Mechatronics from the Nanjing University of Aeronautics and Astronautics, Nanjing, China, in 2012. From September 2014 to March 2015, he was a research assistant with the Department of Automatic Control and Systems Engineering, The University of Sheffield, the United Kingdom. Since 2012, he has been with Yangzhou University, China, where he is currently an Associate Professor and a Doctoral Supervisor. His current research interests include disturbance estimation theories and their applications to renewable energy systems and piezoelectric structural vibration suppression. Dr. Li has served as a Lead Guest Editor for Measurement and Control on SAGE Publisher, and on the technical program committee for several international conferences, including IEEE CYBER 2018, ICONIP2018, IEEE ADRC2019.</p>
Research Interests	active anti-disturbance based control methods and applications, wind energy conversion system, motor control, fault detection, vibration and noise control for piezoelectric smart structures.
Selected Publications	<p>Shengquan Li, Juan Li, Yongwei Tang, et al. Model-based model predictive control for a direct-driven permanent magnet synchronous generator with internal and external disturbances. Transactions of the Institute of Measurement and Control, 2019, doi. 10.1177/0142331219878574.</p> <p>Shengquan Li, Mengying Cao, Juan Li, et al. Sensorless-based active disturbance rejection control for a wind energy conversion system with permanent magnet synchronous generator. IEEE</p>

	ACCESS, 7(12): 122663-122674, 2019. Shengquan Li, Juan Li, Zongwei Lin, et al. Speed sensorless model predictive control method for a direct-drive wind energy conversion system. Measurement and Control, 2019, doi. 10.1177/0020294019866855.
Email	sqli@yzu.edu.cn